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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT) (51) International Patent Classification 7: WO 00/41580 (11) International Publication Number: A23P 1/14 A1 (43) International Publication Date: 20 July 2000 (20.07.00) (21) International Application Number: PCT/GB00/00102 (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, (22) International Filing Date: 17 January 2000 (17.01.00) ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, (30) Priority Data: SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, 9900772.6 15 January 1999 (15.01.99) GB US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, (71) Applicant (for all designated States except US): CADBURY BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, SCHWEPPES PLC [GB/GB]; 25 Berkeley Square, London MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, WIX 6HT (GB). GA, GN, GW, ML, MR, NE, SN, TD, TG). (72) Inventor; and (75) Inventor/Applicant (for US only): KEOGH, Andrew, Joseph **Published** [GB/GB]; Franklin House, Bournville Lane, P.O. Box 2138, With international search report. Birmingham B30 2NB (GB). Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of (74) Agents: PEARCE, Anthony, Richmond et al.; Marks & Clerk. amendments. Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

### (54) Title: PROCESS FOR PRODUCING AN EXPANDED FOODSTUFF

#### (57) Abstract

The invention provides a process for producing a set expanded foodstuff, comprises the step of passing a soft expanded foodstuff composition at a first temperature and a first pressure into a setting region at a second temperature, the second temperature being lower than said first temperature. The soft expanded foodstuff composition is cooled and set in the setting region at a second pressure which is lower than said first pressure. This invention further provides a process for producing a set expanded foodstuff, comprising the steps of passing a soft foodstuff composition which may be in at least a partially expanded condition and which contains a vaporisable expanding agent, at a first temperature and a first pressure into a setting region at a second temperature, said second temperature being lower than said first temperature. The soft foodstuff composition is cooled and set in the setting region at a second pressure which is lower than said first pressure so as to expand or further expand the foodstuff composition by evaporation of the vaporisable expanding agent.

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inte ional Application No PCT/GB 00/00102

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C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the rele	evant passages		Relevant to claim No.	
X	WO 97 34503 A (CADBURY SCHWEPPES ;SANDERS NIGEL (GB); ZUMBE ALBERT 25 September 1997 (1997-09-25) example 3	1-22			
X	US 4 839 193 A (MANGE CHRISTIAN 13 June 1989 (1989-06-13) column 5, line 13 -column 6, line		1-22		
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# INTERNATIONAL SEARCH REPORT

information on patent family members

Intit donal Application No PCT/GB 00/00102

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9734503	A	25-09-1997	AU CA EP NZ	2033097 A 2248956 A 0907327 A 331859 A	10-10-1997 25-09-1997 14-04-1999 29-03-1999
US 4839193	A	13-06-1989	FR DE DK EP	2600496 A 3780219 A 270487 A 0247926 A	31-12-1987 13-08-1992 28-11-1987 02-12-1987